

PRIOR ART  
FIG. 1

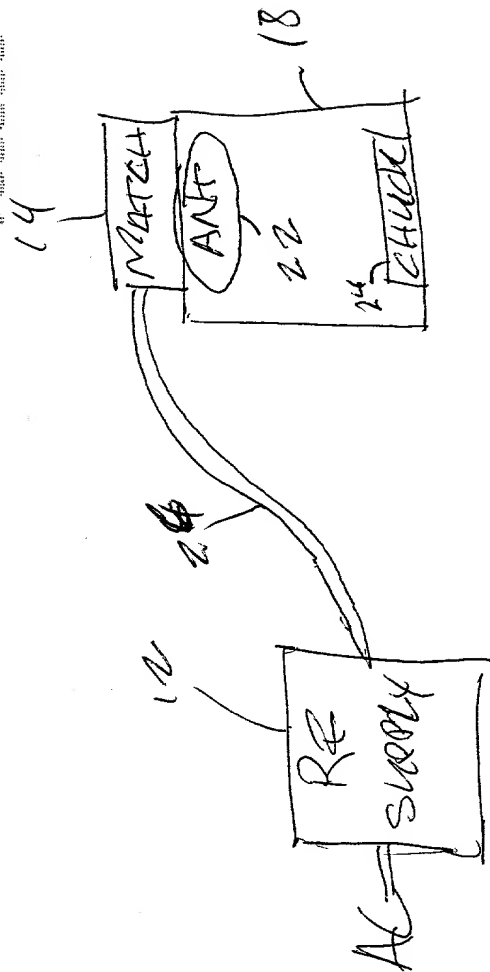


FIG. 1a

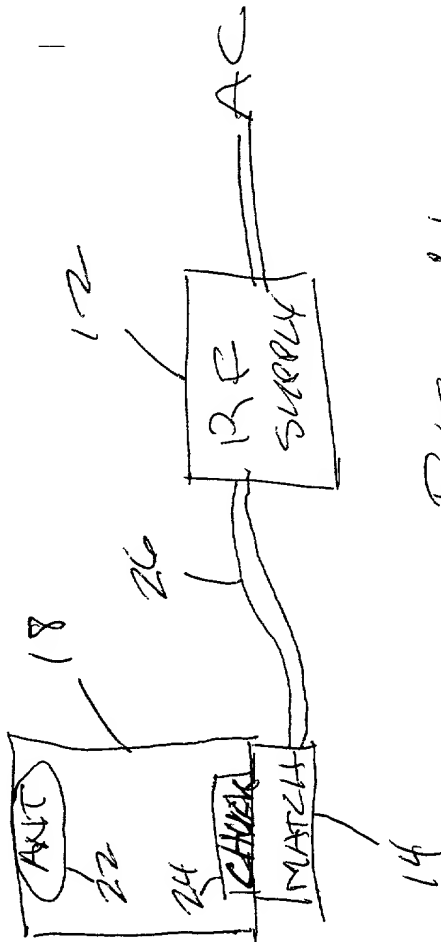


FIG. 1b

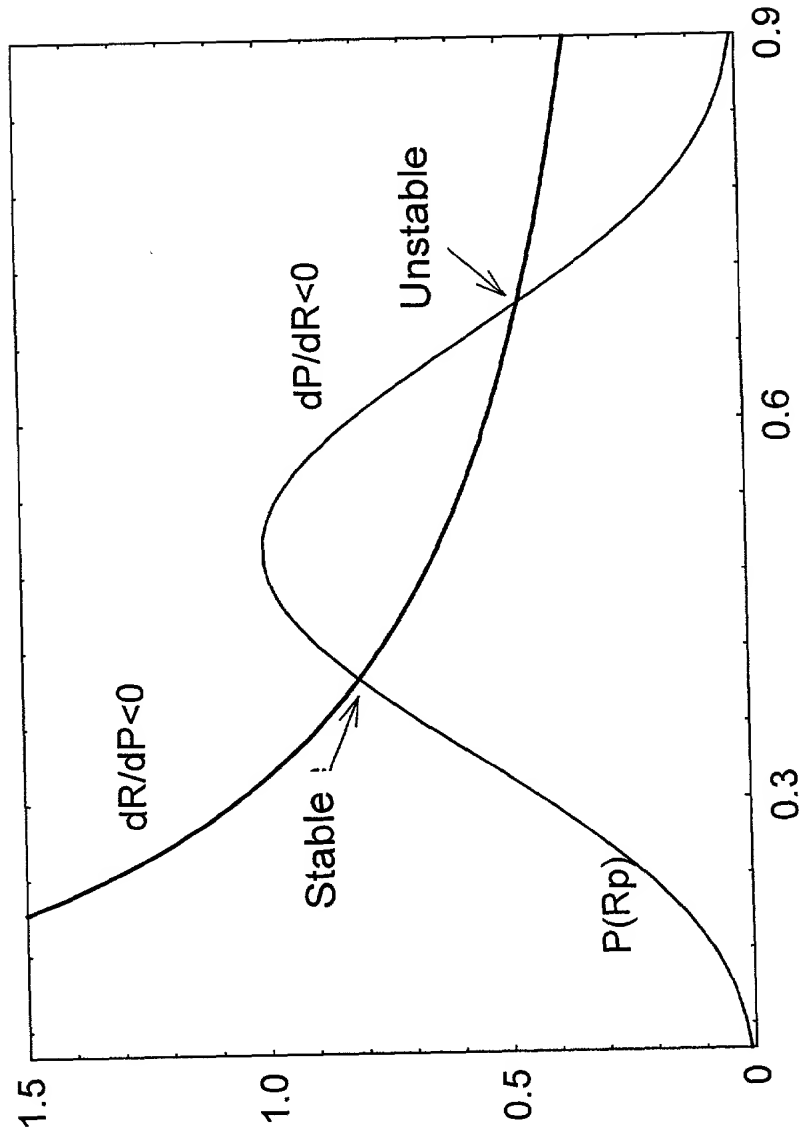


FIG. 2

Fig. 3a

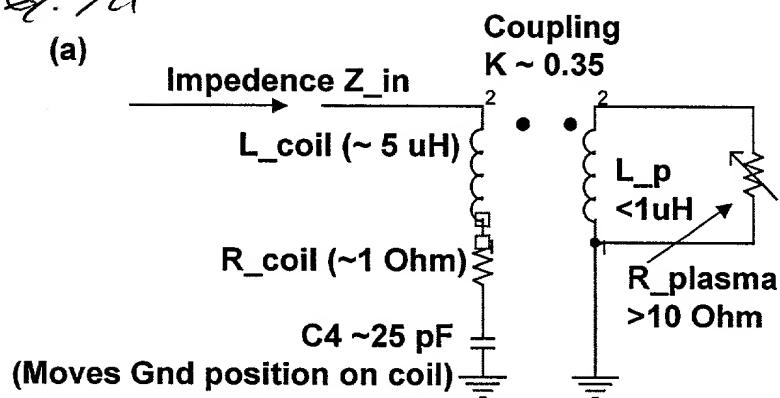
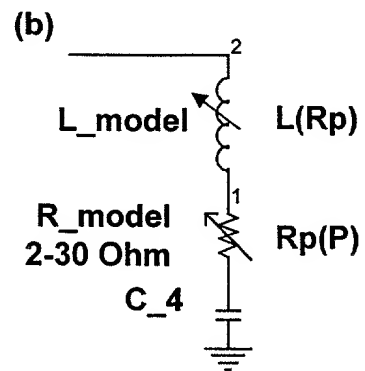


Fig. 3b



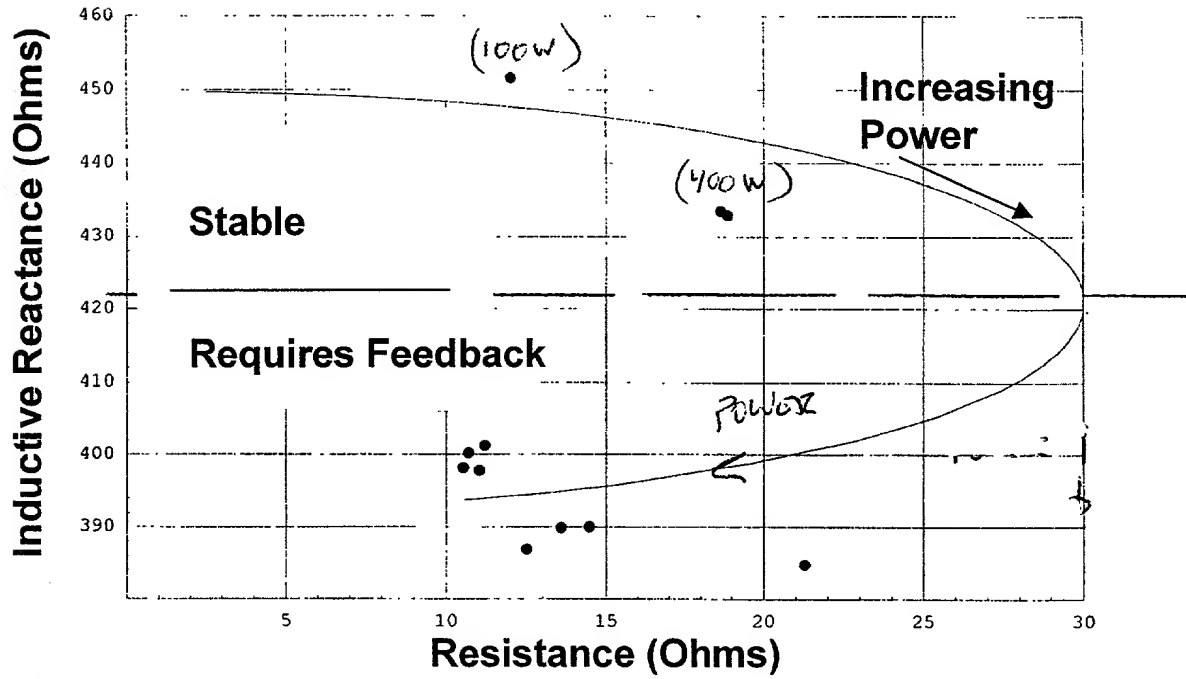


FIG. 4

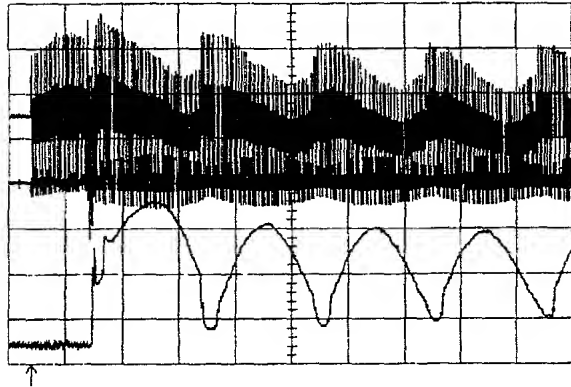


FIG. 5

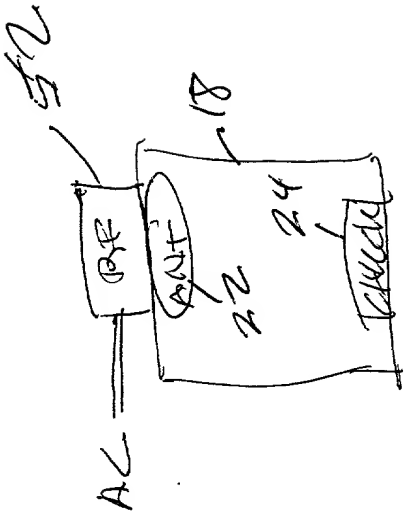


Fig. 6a

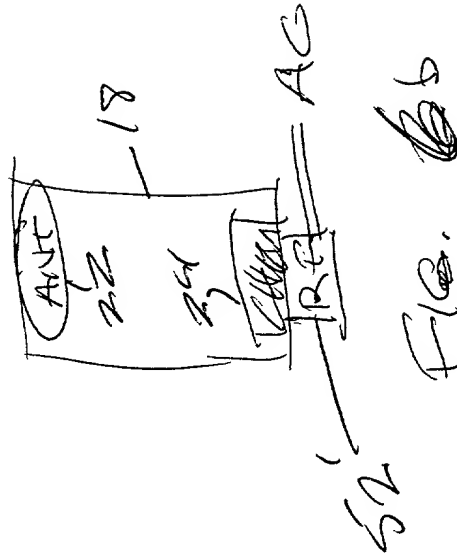


Fig. 6b

AC



204

MUX = Multiplexer  
 XFMR = Transformer

150

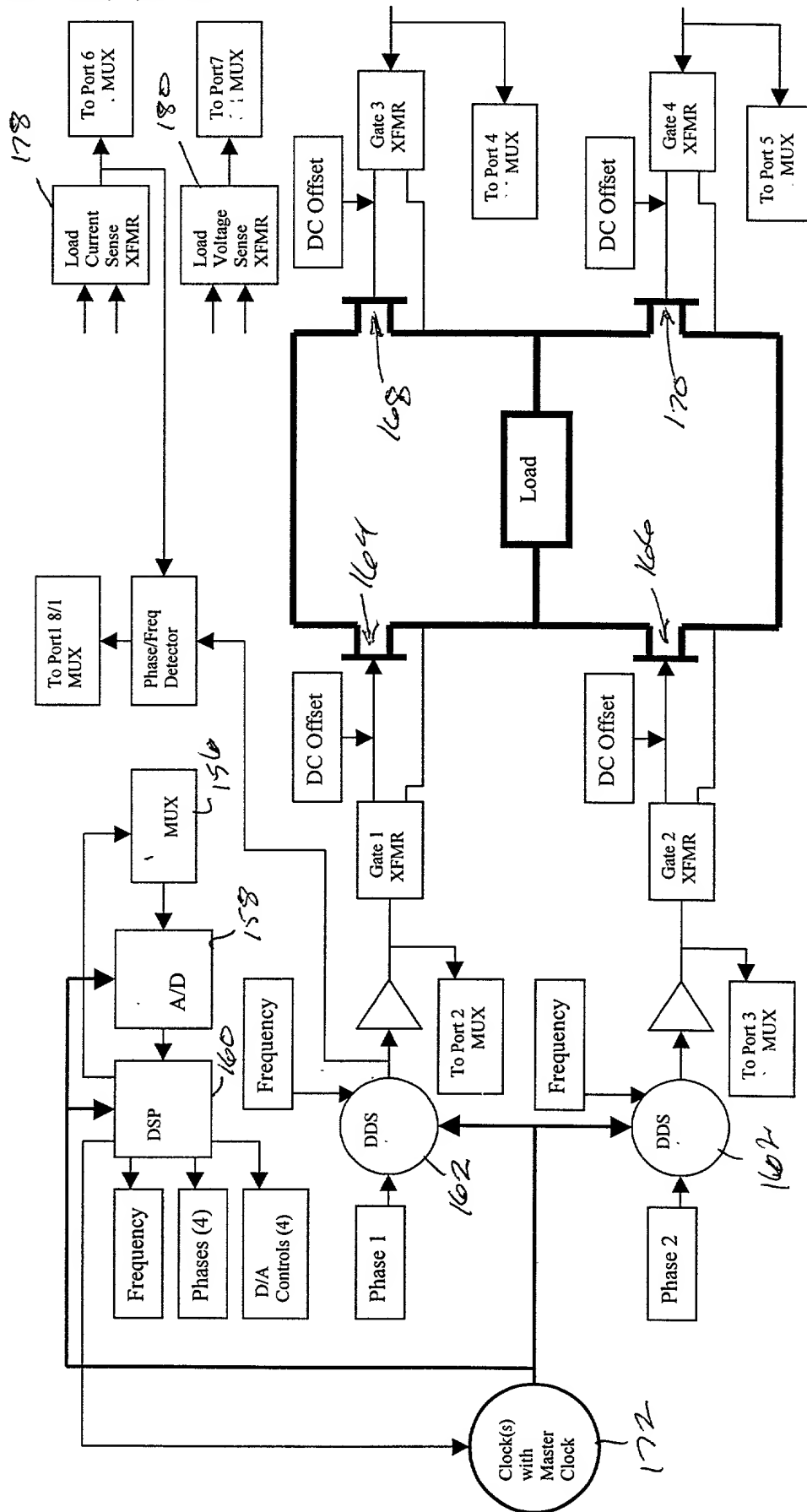
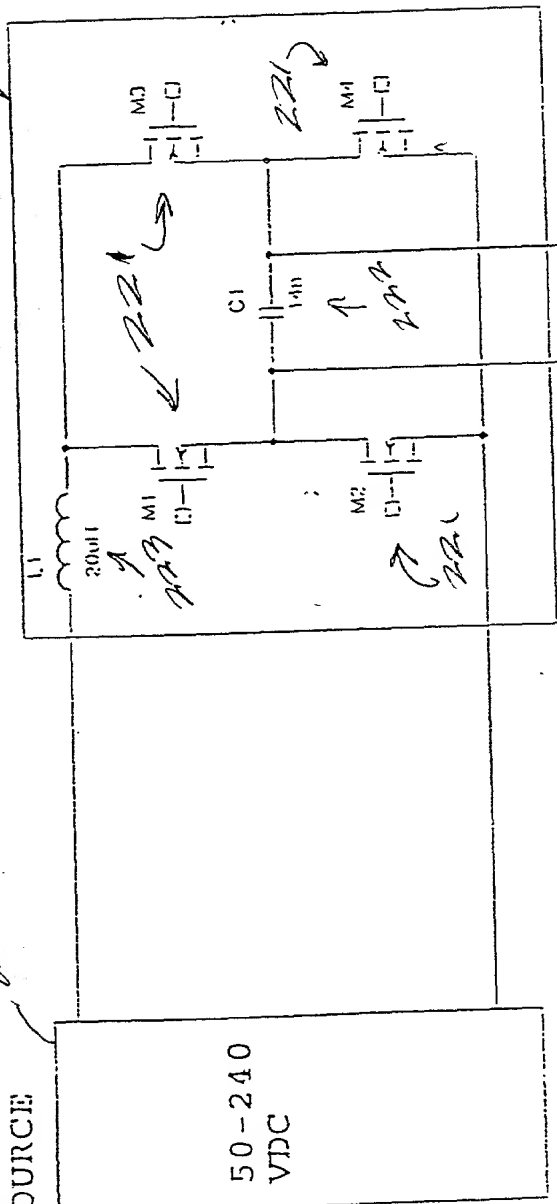


FIG. 8



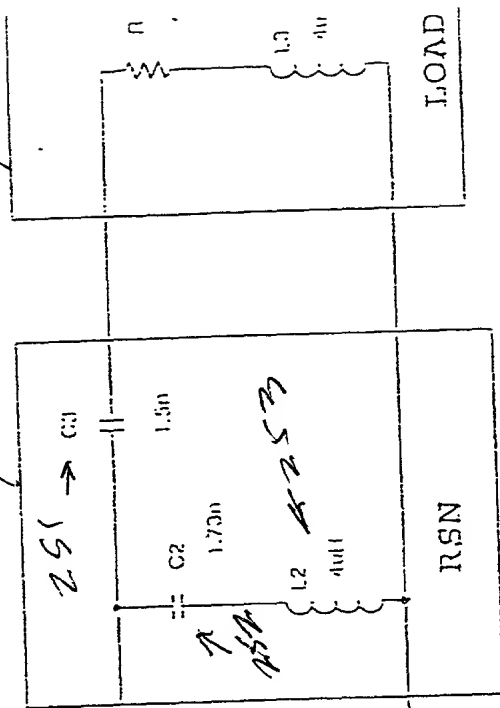
FULL BRIDGE PARALLEL  
 RESONANT CONVERTER

VARIABLE  
 DC  
 SOURCE



260

250



MOSFET  
 DRIVERS

PLL

Fig. 9

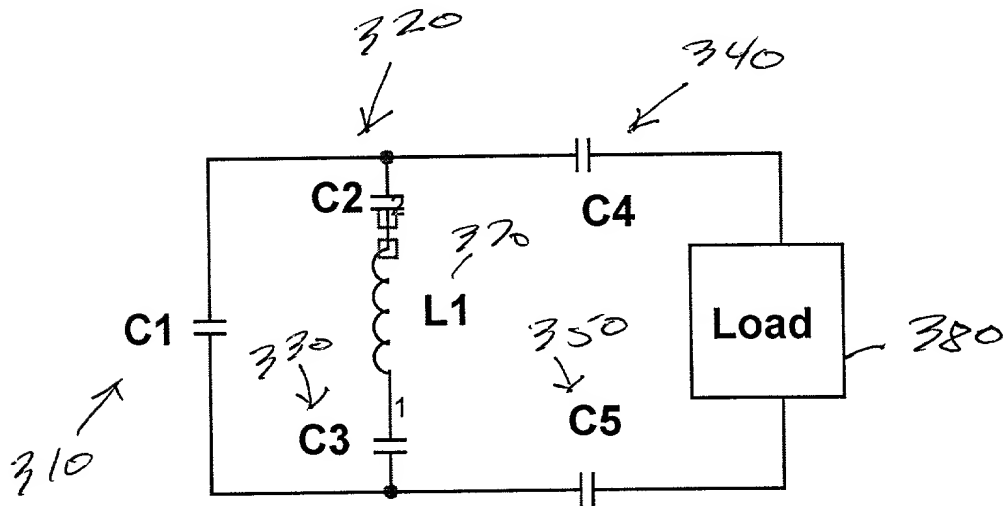


FIG. 10

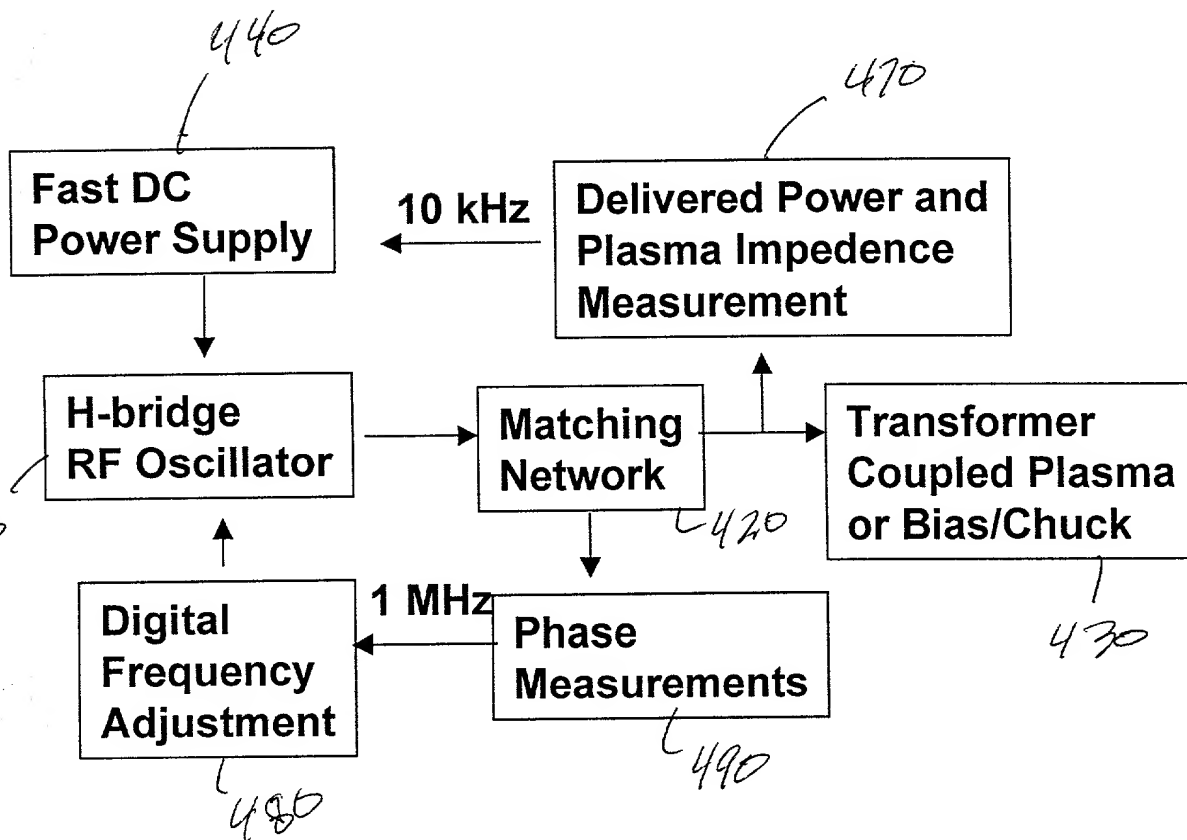


FIG. 11

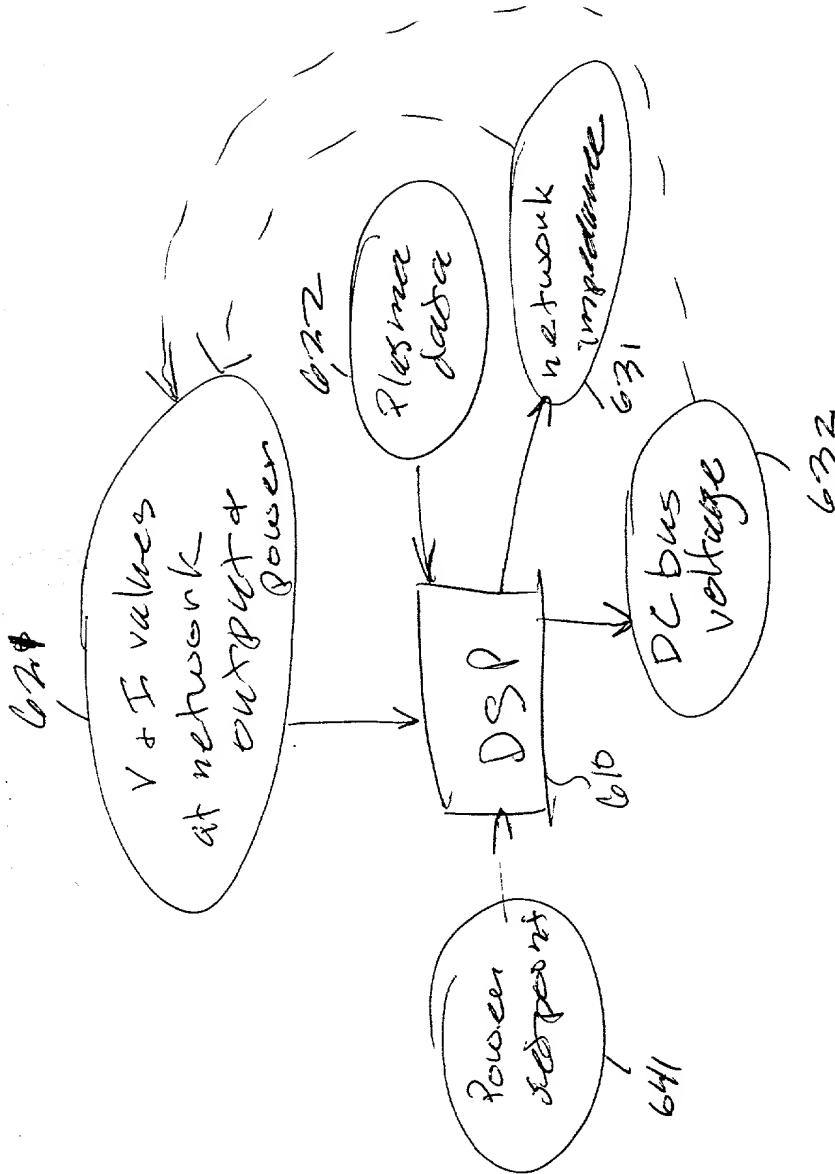
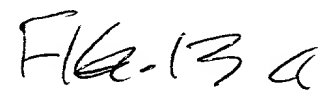


FIG. 12





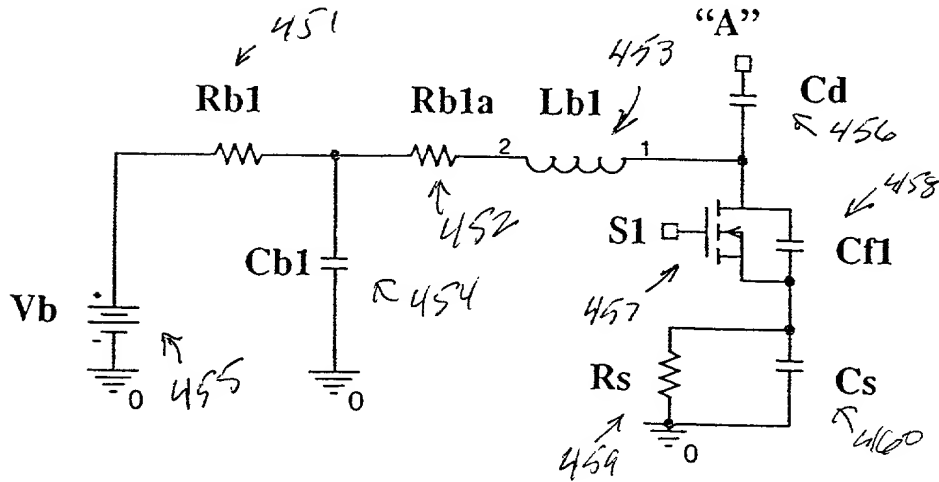


FIG. 14

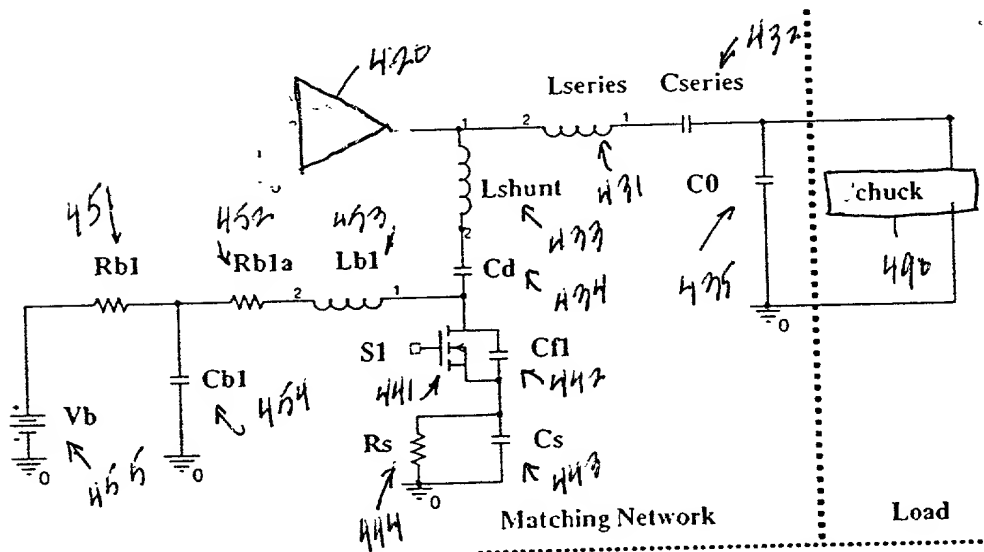
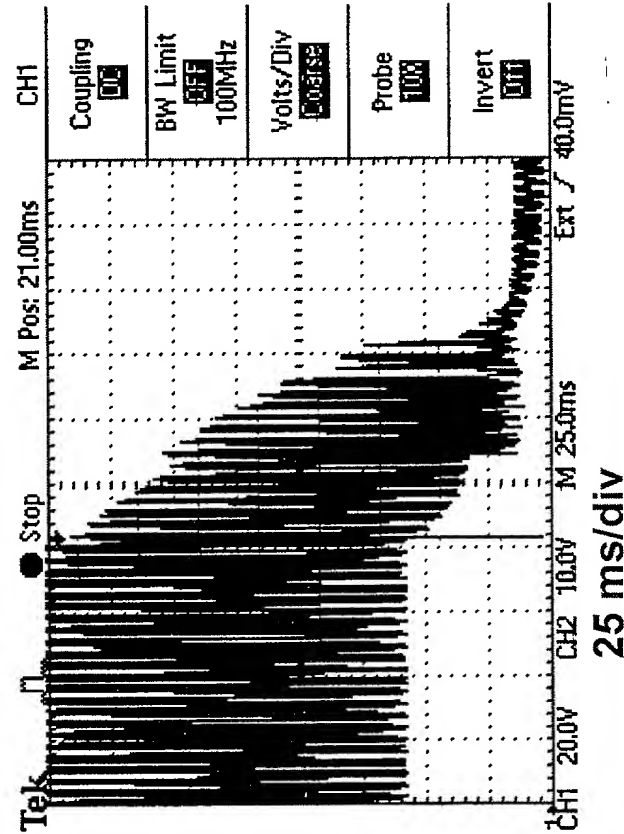
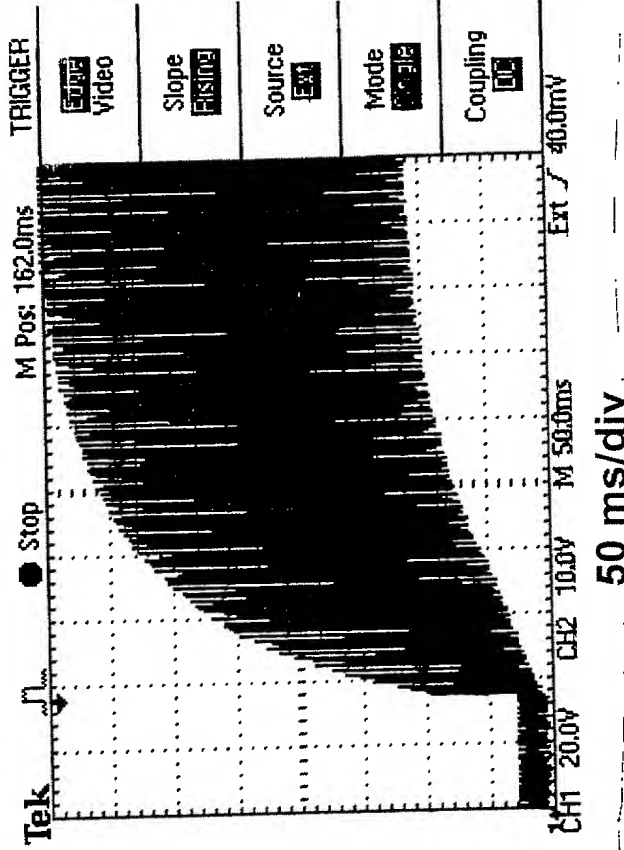


FIG. 15



FET Turn-on

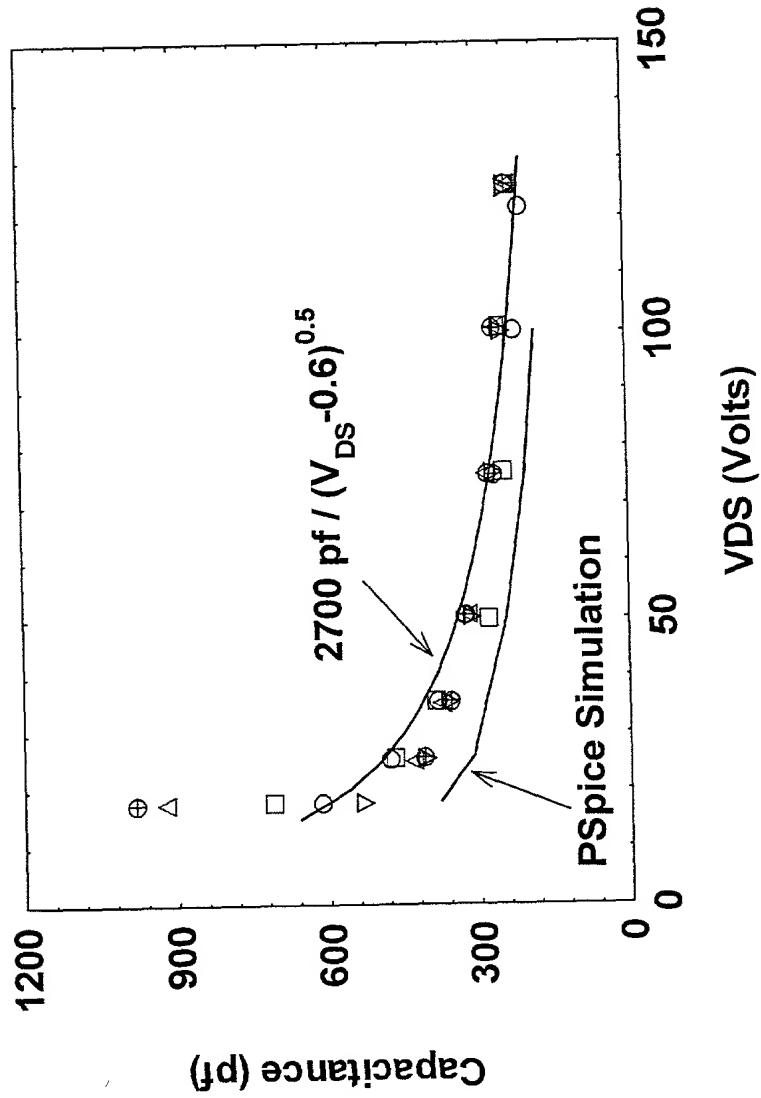
FIG. 16a



FET Turn-off

FIG. 16b





#15. 17

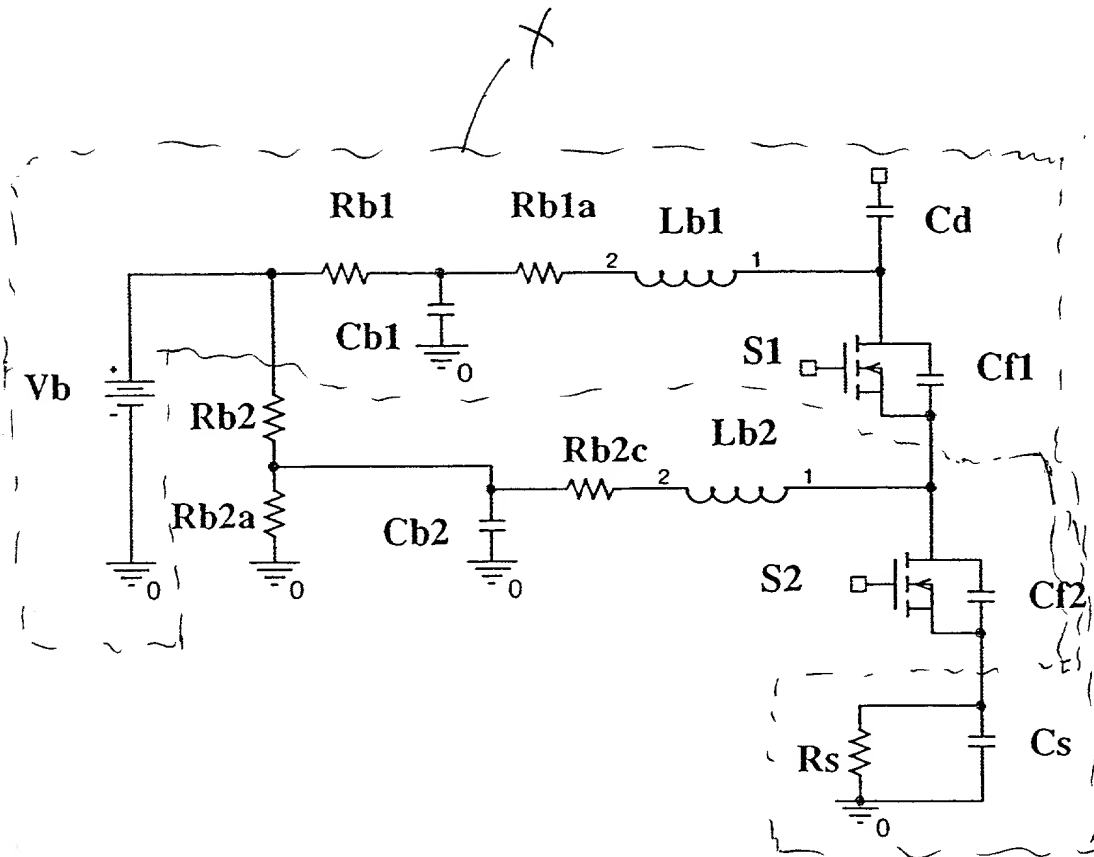


FIG. 18